



Team Round 1 – Mathematician Response Sheet

Team id:

1	$A_n = 400(0.8)^n + 100$
2	310
3	22/3
4	$4 + 2\sqrt{3}$
5	29/442
6	7

7	24
8	$\frac{3}{7}$
9	2
10	15.6
11	$a = -\ln 2$
12	$A = (-1)^n \times 2n!, B = \cos\left((n+1)\frac{\pi}{2}\right) \times 3^n,$ $C = \sin\left((n+1)\frac{\pi}{2}\right) \times 3^n$